STUDENT’S NAME:

Instructions:

* Complete the information for each stage. (Remember: some of this information you collected with the collaboration of your teammates but you need to complete the design folder documentation in your own words).
* When you complete the information, save the file with the following name: name\_project1.docx (example: veronicamendoza\_project1.docx) and upload the file in the page “Project1 Design Folders” in Ms. Veronica wiki space: <http://myp3-tech-veronica.wikispaces.com/>
* Note: you need to request to join my wiki in case you did not before.

Identify the problem:

Design Brief

List 4 questions to research about the problem.

-

-

-

-

List 4 reliable resources (magazines, books, e-books, online databases, experts, manuals, online tutorials) that could answer your questions. Remember to make citations properly.

-

-

-

-

Design Specification

List the 3 requirements you must meet.  
-

-

-

Add 2 of your own requirements:

-

-

Write test you will use on final solution.

**Design the product/solution:**

**Create 2 completely different designs**

|  |  |  |
| --- | --- | --- |
| Materials | Sketches (with measurements) | Pros and Cons |
| Idea 1: |  | Pro  1.  2.  Con  1.  2. |
| Idea 2: |  | Pro  1.  2.  Con  1.  2. |

**Select one design and explain why.**

**Plan the product/solution:**

Lists the steps necessary to complete your design considering time and resources:

|  |  |  |
| --- | --- | --- |
| Steps | Resources | Time (hrs.) |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |
| 6. |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

* + - Use appropriate techniques and equipment competently
    - follow the plan
    - Create a product/solution of appropriate quality
    - Add a photo of your product here

**Evaluate the product/solution**

Test your product and after that answer the following questions:

How did your solution do against your test?

We showed our creativity by building something that anyone can use out of sand.

Evaluate the solution, state your opinion.

It was too small and did not replicate a bench as well as it could have. But what I did like about it was the fact that you could sit on it (barely) without it shambling.

How could you improve your solution?

* Piling the mound very high then cut in half.
* Using the rulers to shape it up better.
* Better use of water and work faster to maintain wet sand
* Take the sand further away from the actual project so that there is not a giant gaping hole behind it.

**Evaluate your use of the design cycle**

Explain how you did during each stage of the Design cycle.

* Investigate

Researching the tools and process in which

* Design
  + First, we came up with the idea of the man opening his head with beach things coming out.
* Plan
  + We planned on the tools we would bring and who would do what like for instance Adam sculpted John Micheal

* Create

How did we build it with the design cycle? Did this cycle help you build it better?